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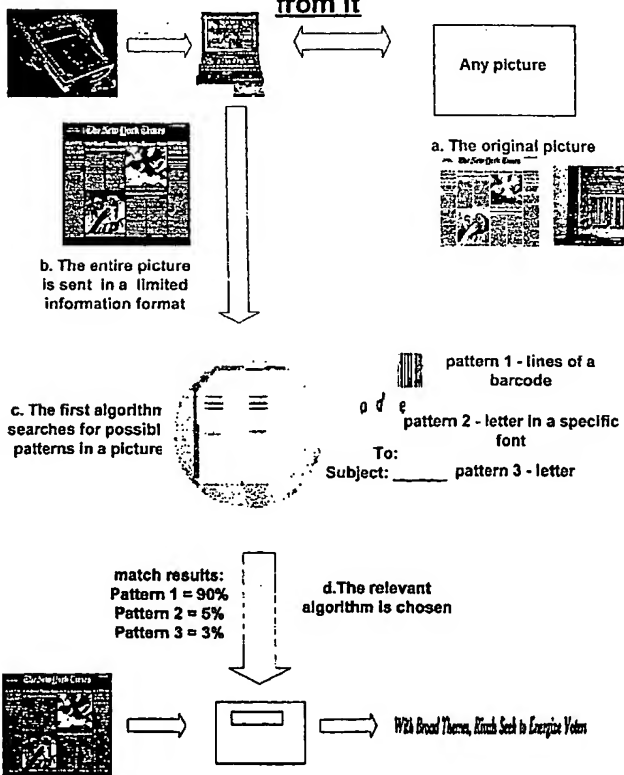
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(54) Title: A METHOD FOR SELECTIVE IMAGE ACQUISITION AND TRANSMISSION

Determination of the relevant algorithm
for a given image for extraction of an area
from it

(57) Abstract: A method of transmitting an image is disclosed. The method comprises transmitting from a mobile imaging device an entire image at a first resolution. The transmitted image is received and characteristic patterns contained therein are determined. An appropriate imaging algorithm is selected in accordance with the determined characteristic patterns. The mobile imaging device is commanded to re-transmit certain portions of the entire image in accordance with the selected imaging algorithm. Finally the certain portions are retransmitted from the mobile imaging device at a second resolution, which is substantially higher than said first resolution.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N G06F G06T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 724 579 A (TAKESHI SUZUKI) 3 March 1998 (1998-03-03)	2
A	column 1, line 6 - line 61 column 6, line 17 - column 7, line 16 ---	1,3-6
A	US 5 615 324 A (SHOICHI KUBOYAMA) 25 March 1997 (1997-03-25) column 1, line 39 - column 2, line 66 --- -/--	1-5

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	A. ENTGELMEIER ET AL.: "Brücken schlagen - Entwicklung eines Framegrabber als PCI-Einsteckkarte" ELEKTRONIK, vol. 47, no. 25, 8 December 1998 (1998-12-08), pages 70, 73-78, XP000876208 FRANZIS VERLAG GMBH. MUNCHEN., DE ISSN: 0013-5658 page 74, left-hand column, line 11 - line 26 ---	4
A	EP 0 442 054 A (INTERNATIONAL BUSINESS MACHINES CORPORATION) 21 August 1991 (1991-08-21) column 7, line 41 -column 8, line 12 -----	2,6

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 02/02484

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5724579	A	03-03-1998	JP	7245723 A	19-09-1995
US 5615324	A	25-03-1997	JP	7262371 A	13-10-1995
			DE	19507780 A1	21-09-1995
EP 442054	A	21-08-1991	US	5038392 A	06-08-1991
			EP	0442054 A2	21-08-1991
			EP	0734146 A2	25-09-1996
			JP	6139325 A	20-05-1994

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